



800 E. Northwest Highway Des Plaines, IL 60016

## Product/Process Change Notice (PCN)

**PCN#:** 16072015    **Date:** 16th July 2015

**Product Identification:**

Different color on marking on body

**Implementation Date for Change:**

15<sup>th</sup> October 2015

### Contact Information

**Name:** Daniel Wang

**Title:** Director Product Management

**Phone #:** +65 6885 9199

**Fax#:** +65 6885 9113

**E-mail:** Dwang@littelfuse.com

### Category of Change:

- Assembly Process
- Data Sheet
- Technology
- Discontinuance/Obsolescence
- Equipment
- Manufacturing Site
- Raw Material
- Testing
- Fabrication Process
- Other: \_\_\_\_\_

### Description of Change:

Alternative construction for improved yield

### Important Dates:

- Qualification Samples Available: 1<sup>st</sup> August 2015                       Last Time Buy:
- Final Qualification Data Available:
- Date of Final Product Shipment: 14<sup>th</sup> October 2015

### Method of Distinguishing Changed Product

- Product Mark,
- Date Code,
- Other, Different color on marking on body

### Demonstrated or Anticipated Impact on Form, Fit, Function or Reliability:

Please see attached

### LF Qualification Plan/Results:

As per attached.

**Customer Acknowledgement of Receipt:** Littelfuse requests you acknowledge receipt of this PCN. In your acknowledgement, you can grant approval or request additional information. Littelfuse will assume the change is acceptable if no acknowledgement is received within 30 days of this notice. Lack of any additional response within 90 days of PCN issuance further constitutes acceptance of the change.



16<sup>th</sup> July 2015

To: Valued Customer

From: Littelfuse Product Management

Subject: Thin Film 437 (2A and above) and 501 series

This is a 90 days PCN.

Based on the above reference, Littelfuse will be implementing an alternative construction of the following existing Thin Film Fuse series;

- 437 series :2A to 10A inclusive
- 501 series :10A to 20A inclusive

Please see below table for the relevent part numbers impacted;

437	501
2A to 10A inclusive	10A to 20A inclusive
<b>0437002.WR</b>	<b>0501010.WR</b>
<b>043702.5WR</b>	<b>0501012.WR</b>
<b>0437003.WR</b>	<b>0501015.WR</b>
<b>043703.5WR</b>	<b>0501020.WR</b>
<b>0437004.WR</b>	
<b>0437005.WR</b>	
<b>0437007.WR</b>	
<b>0437008.WR</b>	

Please see attachments for the ;



New 437 Series Design Verifica...



New 501 Series Design Verifica...

- Validation reports
- comparison of the physical fuse itself and the electrical performance (i2t,



Comparison of Existing and New...

resistance).



437 and 501  
affected part numb

- table of relevant part numbers affected .

### **Timeframe**

The effective date of this change is 15<sup>th</sup> October 2015. We would be doing a running change in production on 15<sup>th</sup> October 2015.

Samples are available upon request.

Best regards;

Daniel Wang  
Director of Product Management  
Electronics Business Unit  
Littelfuse Far East Pte Ltd  
(65) 6885 9199  
[Dwang@Littelfuse.com/](mailto:Dwang@Littelfuse.com/)

**LFPCN06172015 Affected Parts List**

---

**Material**

---

0437002.WR  
043702.5WR  
0437003.WR  
043703.5WR  
0437004.WR  
0437005.WR  
0437007.WR  
0437008.WR  
0501010.WR  
0501012.WR  
0501015.WR  
0501020.WR